

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00478

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38, H04H 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04H, H04N, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0141488 A2 (ROBERT BOSCH GMBH), 7 June 2001 (07.06.01), page 8, line 9 - page 15, line 31, figure 1, claim 1, abstract --	1-24
X	WO 0042755 A1 (BRITISH TELECOMMUNICATIONS PUBLIC LIMITED PAMPANY), 20 July 2000 (20.07.00), page 7, line 11 - line 30; page 11, line 14 - page 12, line 2; page 15, line 1 - line 9, figures 1,7 --	1-24
X	WO 03045079 A1 (NOKIA CORPORATION), 30 May 2003 (30.05.03), see page 10 paragraph 38 - page 11 paragraph 41; figure 1,4 --	1-24

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

22 December 2003

Date of mailing of the international search report

13-01-2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6314082 B1 (GÖRAN MALMGREN), 6 November 2001            (06.11.01), column 2, line 6 - line 25; column 2,            line 51 - column 3, line 38; column 4,            line 18 - column 5, line 10, figure 1,            abstract</p> <p style="text-align: center;">--            -----</p>	1-24

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/FI 03/00478

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	0141488	A2	07/06/01	DE	19957642 A,C	07/06/01
				EP	1238558 A	11/09/02
				JP	2003516064 T	07/05/03
WO	0042755	A1	20/07/00	AU	1991600 A	01/08/00
				AU	3158999 A	01/11/99
				CA	2360901 A	20/07/00
				EP	1142253 A	10/10/01
				GB	9900970 D	00/00/00
WO	03045079	A1	30/05/03	US	2003100325 A	29/05/03
US	6314082	B1	06/11/01	AU	9772098 A	07/06/99
				EP	1032995 A	06/09/00
				JP	2001523915 T	27/11/01
				WO	9926367 A	27/05/99